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App'l. No. 10/080,994

Am't. Dated June 5, 2006

Reply to Office Action of May 1, 2006

JUN 05 2006

Attorney Docket No. 81784.0250

Customer No.: 26021

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1.-23. (Cancelled)

24. (New) An optical disk recording/reproducing apparatus, wherein, when a recording linear speed is to be changed, the recording/reproducing apparatus interrupts a recording operation for recording onto a disk, and reproduces a signal recorded on the disk before the recording operation is interrupted, the recording/reproducing apparatus being configured to compare the reproduced signal and a signal stored in a buffer RAM for temporarily storing a recording signal, and to resume the recording operation when the compared signals are determined to be identical to each other, wherein recording properties are detected based on a signal reproduced before the recording operation is resumed, to set the recording linear speed for resuming the recording operation, depending on whether the detected recording properties are determined to be satisfactory or unsatisfactory.

25. (New) An optical disk recording/reproducing apparatus according to claim 24, wherein, when the recording properties of a signal reproduced before the recording operation is resumed are detected without changing the recording linear speed, the recording/reproducing apparatus causes the recording operation to terminate when it is determined based on the detected recording properties that recording quality is insufficient to allow a signal to be reproduced.

26. (New) An optical disk recording/reproducing apparatus according to claim 24, wherein a change in recording properties is detected through comparison

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between recording property data detected based on a signal reproduced before the recording operation is resumed and recording property data detected at a previous point of change of the recording linear speed, to thereby determine whether or not the recording properties have become better.

27. (New) A method for recording/reproducing comprising:

interrupting a recording operation for recording onto a disk when a recording linear speed is to be changed;

reproducing a signal recorded on the disk before interrupting a recording operation;

configuring the recording/reproducing apparatus to compare the reproduced signal and a signal stored in a buffer RAM for temporarily storing a recording signal; and

resuming the recording operation when the compared signals are determined to be identical to each other;

wherein the recording properties are detected based on a signal reproduced before the recording operation is resumed to set the recording linear speed for resuming the recording operation, depending on whether the detected recording properties are determined to be satisfactory or unsatisfactory.

28. (New) The recording/reproducing method according to claim 27, further including, when the recording properties of a signal reproduced before the recording operation is resumed are detected without changing the recording linear speed, terminating the recording operation by the recording/reproducing apparatus when it is determined based on the detected recording properties that recording quality is insufficient to allow a signal to be reproduced.

29. (New) The recording/reproducing method according to claim 27, further including detecting a change in recording properties through comparison between

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recording property data detected based on a signal reproduced before the recording operation is resumed and detecting recording property data at a previous point of change of the recording linear speed, to thereby determine whether or not the recording properties have become better.